Ramakrishna Kotte

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Location: Oklahoma City, OK.
Company: Accenture LLP

PROFESSIONAL SUMMARY

- Ramakrishna Kotte has over 17+ years of IT experience in solution designing and architecting, developing, testing windows, web and mobile applications using technologies like **Angular 17+, React JS, Angular JS, .Net MAUI, .Net Core, C#, Python, Typescript,** .**Net framework, ASP.Net MVC, WPF, WCF, Web APIs, Silverlight.**
- Providing solutions using **Azure**, **AWS** and **GCP** cloud providers.
- Having experience in creating **Azure App Services, Azure Functions**, **Azure Logic Apps, Azure Event Grid, Azure Service Bus, Azure Fabrics**, **Azure Application Insights**.
- Having experience in AWS services such as **AWS Lambda Functions, EC2, S3, RDS, DynamoDB, IAM**, **Azure CloudWatch, Azure SNS.**
- Having experience in **Google Cloud Functions, GKE.**
- Having experience of **Docker** and **Azure Kubernetes Services**.
- Experience in migrating Single Monolithic Application into **Microservices Architecture** on **Google Kubernetes Engine and AKS.**
- Monitoring in Kubernetes with Kubernetes dashboards and logs**.**
- Developed web applications with **Angular Material** and **Bootstrap**
- Having hands on **Azure OpenAI Services and Generative AI** using existing **GPT 3.5 Turbo**, **GPT-4** and **Dall-E** models, integrating them into the applications using APIs and python SDK.
- Having solid knowledge on Prompt engineering techniques on LLM using Natural Language Processing.
- Experience in **Python** programing using TensorFlow, Pandas, NumPy, Azure OpenAI, OpenAI and other libraries.
- Having hands-on **Azure AI/ML**, **AI Search**, **Azure AI Document Intelligence,** Azure Computer vision services.
- Having good experience in **Azure Machine Learning** using Cognitive services and training models.
- Familiar with **Microsoft OpenAI Studio** and **Microsoft Copilot Studio** usage.
- Familiar with Prompt engineering using Azure OpenAI stack.
- Experience in **SonarQube –** code quality analysis and security scanning**.**
- Having good experience in Infrastructure-as-Code (IaC) tools like **Terraform, AWS CloudFormation**
- Having experience and mastery of Azure solutions including **Application Gateway**, **Load Balancers, and Azure Front Door.**
- Experience in **SQLLite**, **MongoDB**, **POSTGRESQL** and **Snowflake**
- Having good experience in **ReactJS, NodeJS**, **ExpressJS, NextJS**
- Implemented form management and validation using **Formik, Formly** and **Yup**
- Having good experience in **Power Apps, Power Automate.**
- Having good experience in **CICD** pipeline creation using **Azure DevOps** and **Jenkins** by following pipeline as code using YAML and Jenkinsfile.

- Expertise in implementing Object-Oriented Languages (**OOPS**), Object Oriented Development (**OOAD**), Relational Database (**RDBMS**).
- Experience in **MVC** and **MVVM Design patterns, RESTful** API's.
- Experience with **Singleton, Dependency Injection** Design patterns.
- Experience in Angular **SPA**, **Routing** and **Lazy Loading** implementation.
- Experience in SQL Server **Tables, Stored Procedures, User Defined Functions and Triggers**
- Excellent Knowledge in using third party UI controls like **Telerik, Infragistics, DevEx.**
- Extensive working knowledge and experience in all the stages of **SDLC**.
- Collaborated with cross-functional teams to deliver high-quality front-end solutions.
- Experience in **Agile** Methodologies and Scrum Process (Sprint Planning, Task List, Product backlog, Retrospection, Scrum meeting).
- Experience in across areas such as Cloud Migration, Application Customization, Modernization and Automation using his technical skills Angular, Azure and .Net.
- Experience in Designs technical architecture to enable project teams to develop multi layered systems.
- Experience in writing **T-SQL** queries, stored procedures, Triggers, Cursors, views, user defined functions, database performance tuning, indexing, database backup and restore.
- Experience in using **SVN**, Microsoft **Visual SourceSafe**, Team Foundation Server (**TFS**) and Visual Studio Team System (**Git**) for integration, maintenance, and security of code.
- Experience in .NET security features such as Authentication, Authorization, Windows and Forms-based Authentication, Authorizing Users, and Roles.
- Experience in TDD Application development using **NUnit** Test
- Excellent analytical, designing and programming abilities in using technology to create elegant, flexible, and maintainable solutions for development problems.
- Excellent Interpersonal, Organizational and Communication skills. Have good analytical reasoning, creative skills, and technical & domain knowledge.
- Participating in **Hackathon** conducting by Microsoft and clients on latest advanced technology likes DevOps, AI/ML.

TECHNICAL SKILLS

Technologies	Angular 17+, .Net Core, ASP.Net, ASP.Net MVC, AngularJS, PowerApps, Azure Development, Web API, DevOps, C#, Typescript, JavaScript, NodeJS, ExpressJS, ReactJS, NextJS, Formik, Yup, HTML, CSS, XML, HTML5, DHTML, XHTML, CSS3, JavaScript, AJAX, jQuery, Silverlight, Angular Material, Formly, Bootstrap, WPF, WCF, SQL Server, LINQ, Entity Framework, Azure CI/CD, Azure Functions, Azure ML & Cognitive Service, Python, Azure Open AI Service, SonarQube.
Web Services	XML, SOAP, WCF, REST.
Databases	SQL Server 2008/2005/2012/2014, Oracle, MongoDB, Prisma, POSTGRESQL
Cloud Providers	Azure, AWS, GCP
Artificial Intelligence	Azure AI/ML, AI Search, Azure AI Document Intelligence, Azure Computer vision, Gen AI - Azure OpenAI, GPT Turbo 3.5, GPT-4, DALL-E
Tools &Frameworks	MS Visual Studio 2019, MS Visual Studio Code, Node JS, SVN, TFS, VSTS, Git, MS SQL, Management Studio, OpenText Form Designer, Microsoft OpenAI Studio, Microsoft Copilot Studio.

Operating Systems	WINDOWS, LINUX
Design Patterns	MVC, MVVM, Microservices Architecture, Event Driven and Layered Architectures
Infrastructure-as-Code	Terraform, AWS CloudFormation
Web Servers	Internet Information Server (IIS), Linux (Ubuntu)
Software development	AGILE SCRUM, WATERFALL
Domain Knowledge	Health Care Management (HCM), Resources, Energy-Oil & Gas, Sales, Accounting, Banking, Finance.

EDUCATION

Bachelor's degree in **computer science & engineering** from JNTU University in April 2006.
Diploma in **Computer Science** from State Board of Technical Education and Training in April 2003

CERTIFICATIONS

- Technology Architect Associate by Accenture MTA.
- Career Essentials in Generative AI by Microsoft and LinkedIn
- AZ -900   Microsoft Azure Fundamentals
- 70-532 - Developing Microsoft Azure Solutions
- 70-506 - TS: Silverlight 4.0, Development
- 70-511 - TS: Windows Applications Development with Microsoft .NET Framework 4.0

PROFESSIONAL EXPERIENCE

Organization: Accenture LLP, USA
Job Title   : Advanced App/Cloud Supp & Eng Associate Manager
Client : State of Arizona, AHCCCS
Team Size : 80
Duration: 08/01/2021 – Till date
Location : Oklahoma City, OK.
Project Description : Arizona Health Care Cost Containment System (AHCCCS) is Arizona's Medicaid agency that offers health care programs to serve Arizona residents. Individuals must meet certain income and other requirements to obtain services. Arizona residents can apply for AHCCCS Benefits using Health-e-Arizona Plus tool, which will colloect the applicant demographic details and run though the certain rules and eligibility system to determine the eligibility for Medical Assistance, Arizona Long term care system, Nutrition Assistance, Cash Assistance.
Responsibilities:
- Responsible for designing and developing the Applications using **.Net Core, Angular 15, NodeJS, Web API, ReactJS, Azure Functions, NextJS, Formly, Yup, ExpressJS, Prisma, HTML, Javascript, NodeJS, jQuery, C#, Windows services**.
- Responsible for using **Azure DevOps** to set up **CICD** for the Git Repos.
- Responsible for creating **Web API** using JWT token authentication.
- Created a Multi-Stage Build in Azure Pipelines to Deploy a .NET applications.
- Created an AKS Cluster in Azure using Terraform.
- Responsible for creating a **ACR** (Azure Container Registry) with multiple container images and deploying them on cloud.
- Creating azure resources using terraforms.
- Responsible for creating POC (Proof of Concept) using new technology and integrate with third party systems.

- Responsible for Designing databases, SQL queries optimization and performance.
- Responsible for reviews and analyzes the effectiveness & efficiency of existing systems proactively and develop strategies for improving or further leveraging these systems.
- Responsible for keeps track of processes and software changes that impact production support, communicate project information to the production support staff and solves production support issues within the stipulated SLA (Service Level Agreement).
- Responsible for organizing daily SCRUM standup meetings to discuss various aspects of coding and testing of individual modules and managed TFS/VSTS scrum board.

Environment: Visual Studio Code, .Net Core, Angular 15, WEB API, C#, TypeScript, NodeJS, ExpressJS, ReactJS, NextJS, Formik, Formly, Yup, Prisma, Entity framework, HTML5, CSS, jQuery, JavaScript, JSON, GitHub**,** MongoDB, POSTGRESQL, Git – Version control.

Organization: Accenture LLP, USA
Job Title **:** Advanced App/Cloud Supp & Eng Associate Manager.
Client **:** Chesapeake Energy Corporation**.**
Team Size **:** 25
Location : Oklahoma City, OK.
Duration: 11/16/2020 – 07/31/2021
Responsibilities:
- Responsible for designing and developing the Applications using **Angular 9, ASP.Net MVC Core, Web API, HTML, Java script, jQuery, C#, Windows services**.
- Responsible for creating mobile applications using **Power Apps, Power Automate**.
- Responsible for using **Azure DevOps** to set up **CICD** for the Git Repos.
- Deploying a Serverless Application Using **AWS Lambda**, **API Gateway**, and **DynamoDB**.
- Responsible for co-coordinating with onshore managers & leads for work allocation and prioritization, tracking of assigned work.
- Responsible for work closely with Business Stakeholders & Solution Architects to gather high level requirements while assessing the current technology stack.
- Responsible for organizing daily SCRUM standup meetings to discuss various aspects of coding and testing of individual modules and managed TFS/VSTS scrum board.
- Involves in creating POC (Proof of Concept) using new technology and integrate with third party systems.
- Responsible for Designing databases, SQL queries optimization and performance.
- Conducts execution and testing walkthroughs with Business Stakeholders to get the Business approval.
- Responsible for reviews and analyzes the effectiveness & efficiency of existing systems proactively and develop strategies for improving or further leveraging these systems.

Environment: Visual Studio 2019, Angular, Angular JS, ASP.Net MVC Core, Web API, HTML, Java script, jQuery, AJAX, C#, Typescript, Windows services., Git – Version control.

Organization: Accenture LLP, USA
Job Title : Application Development Team Lead.
Client **:** Devon Energy
Duration: 10/15/2017- 11/15/2020
Team Size : 45
Location : Oklahoma City, OK.
Responsibilities:
- Responsible for designing and developing the Application using **ASP.Net MVC**, **Web API, Angular JS, Angular 8, HTML, Java script, JQuery, Windows services.**

- Led and managed work estimates reviewed high level technical designs & code for a team of 12 from onshore.
- Development of N-tier web applications using MVC, C#, jQuery, LINQ, Entity Framework, SQL Server, WEB API.
- Involved in designing **Data Model.**
- Developed **User Interface** (UI) design using **CSS** throughout the application.
- Implemented **WCF services** to expose persistence services to the client layer.
- Performed **Browser compatibility** and Improved User interface using **AJAX.**
- Developed generic **Custom Server** & **User controls.**
- Used **Azure DevOps** to set up **CICD** for the Git Repos.
- Change Management – Create change requests, resource alignment planning.

Environment: Visual Studio 2017, C#, ASP.Net MVC, Web API, Angular JS, Angular, HTML, Java script, JQuery, Windows services., TFS, VSTS

Previous Experience Summary

Organization: Accenture Solution Pvt Ltd.
Job Titles : Software Engineer, Senior Software Engineer, Application Development Team Lead.
Clients : Schlumberger, Barclays, Chevron, JP Morgan Chase, Microsoft.
Duration : 03/27/2011 - 10/13/2017
Team Size : 5-30
Location : Hyderabad, India
Responsibilities:

- Leading AM and AD teams.
- Responsible for designing, developing and implementing windows and web applications using **.Net, WPF, LINQ, Windows services.**
- Developed applications using **SQL Server 2010/2012.**
- Responsible for designing and developing the Application using **ASP.Net MVC**, **Web API**, **HTML, Java script, JQuery and WCF Services.**
- Involved in writing typical complex SQL queries and stored procedures using T-SQL.
- Involved in optimizing code by disposing the **COM** components and unmanaged code to help in less memory footprint.
- Interact with business to understand the functional requirements and create Technical Specification design documents.
- Identify areas of improvement of process and plan for better efficiency.

Environment: . Net, C#, WPF, LINQ, Windows services, ASP.Net MVC, Web API, HTML, Java script, JQuery and WCF Services, SQL Server 2010/2012

Organization: Wings Info Net - Wings e-Biz
Role   : .Net Developer
Duration: 02/19/2007- 01/04/2011
Location : Hyderabad, India
Responsibilities:

- Involved in Full Software Development Life Cycle (SDLC) and identifying the requirements and defining the business rules to user requirements.
- Involved in developing programs using **C#** and **SQL Server 2005/2008.**

Environment: .Net, C#, WPF, WCF, LINQ, SQL Server 2005/2008